

# GREEN POWER News

WAPA's Renewable Resources Program covering  
green power, reports, studies and funding

## WESTERN AREA POWER ADMINISTRATION

Welcome to the *Green Power News Update*. This is a summary of the stories that ran during **June 2017**. New stories are added throughout the month to make sure you always know what is happening in our fast-changing industry. Check back often to see what's new!

*Individuals or agencies sending press releases quoted here are entirely responsible for the accuracy of their information.*

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## Green Power

### Transmission grid is focus of day-long webinar

This year's second WIRES University explored an oft-neglected but fundamental aspect of North American INFRASTRUCTURE—the high voltage electric transmission grid. This whole-day session explained the grid's importance as an enabler of markets and new technology as the economy becomes more thoroughly electrified. Our grid must also adapt to a distributed energy future which calls for a smarter and more flexible network.

This session delved into the details of why modernizing our high-voltage grid infrastructure is more critical than ever, given the age of the nation's transmission facilities, the fundamental changes occurring in electric generation, and the demands on the system. Expansion and upgrade of the grid will make it more resilient and deliver increased economic, environmental, and consumer benefits in the range of \$50 billion annually.

*Source: Environmental and Energy Study Institute, 5/25/17*

### Green Power Partnership Update for June

#### Issue 50, June 20, 2017

The Green Power Partnership is proud to announce that this marks the fiftieth issue of our Program Update! Before the Program Update, GPP published the Green Power Planet. Check out this excerpt from the very first issue of the Green Power Planet e-newsletter, which was distributed on June 25, 2003.

- Issue Number 50!
- Partner Data Deadline is July 5, 2017 for GPP Top Partner Rankings
- Partner Spotlight: L'Oréal USA
- In the News
- On Twitter? If You Choose, You Can Use #EPAGreenPower For Your Tweets about Your Green Power Use
- Partners Celebrating Their 10-Year Anniversary with the Green Power Partnership
- Welcome New Partners
- Photo of the Month
- New Resources Added to Toolbox for Renewable Energy Project Development
- New Report on Corporate Sourcing of Renewable Energy Internationally
- State and Metro Rankings Released: Download Clean Edge's 2017 U.S. Clean Tech Leadership Index
- Washington State's Clean Air Rule

*Source: EPA Green Power Partnership, 6/20/17*

## **Nissan to Offer SRP Customers \$10,000 Incentive on the All-Electric 2017 Nissan LEAF During July**

Salt River Project has arranged for Nissan North America to offer SRP customers the opportunity to purchase a 2017 Nissan LEAF from a participating Maricopa County dealership at a discounted rate. Through a group-purchase program, Nissan will provide a \$10,000 incentive to eligible SRP customers who purchase the all-electric LEAF with the added potential for a \$7,500 federal tax credit on its fleet vehicles.

"We are excited to work with Nissan to offer our customers an opportunity to invest in an electric vehicle that will save them money while helping the environment," said Kelly Barr, SRP senior director of environmental management and chief sustainability and compliance executive.

*Source: SRP, 6/29/17*

## **Small utility solar webinar recording now online**

If you missed the May 18 webinar, *Distributed Solar for Small Utilities*, presented by the Distributed Generation Interconnection Collaborative (DGIC), you can download a webinar **recording** and the **presentation slides**, which have been updated to include questions and answers posed during the webinar.

*Source: NREL Distributed Generation Interconnection Collaborative, 6/9/17*

## **Crowd-Financing Solar for Nonprofits Serving Low-Income Communities**

Nonprofit community service providers that serve low-income communities have faced challenges in financing solar for their own facilities. These organizations' lack of credit history, potentially unreliable revenue, and inability to take advantage of tax credits and accelerated depreciation can make traditional solar financing models a poor fit.

In this May 25 webinar, expert speakers presented two models that rely on crowd-funding to enable nonprofits to adopt solar. One allows for crowd-sourced donations. The second, "CrowdLending," facilitates loans to fund solar projects after tax credits have been applied. Presentations were followed by a Q&A with the audience. Download **slides as pdf**.

*Source: Clean Energy States Alliance, 5/25/17*

**Find more [publications and webinars](#).**

## **Reports and Studies**

### **Solar Plus: A Holistic Approach to Distributed Solar PV**

A new NREL report analyzes "solar plus," an emerging approach to distributed solar photovoltaic (PV) deployment that uses energy storage and controllable devices to optimize customer economics.

Changes in electricity rate structures could make distributed PV adoption less economically attractive to customers. Several states and utilities have implemented or proposed policies to move away from net metering and have developed new residential time-of-use rate structures that affect the customer value of PV generation. At the same time, increasing PV adoption has raised concerns about the variability of PV generation and its impact on the electricity grid. These issues have prompted the PV industry to consider new ways to optimize the customer value of distributed PV systems.

*Source: National Renewable Energy Laboratory, 6/29/17*

## **Berkeley Lab report examines factors influencing community acceptance of wind energy**

Wind power is consistently rated in opinion polls as among the most popular forms of energy, yet individual wind farms can meet strong opposition from their host communities. What explains this gap, and what are the factors that influence these attitudes?

A new Berkeley Lab report attempts to get answers by reviewing three decades of research on community acceptance of wind energy in North America.

The full report, "*Thirty years of North American wind energy acceptance research: What have we learned?*" is available for download.

The report has also been published in the peer-reviewed journal, Energy Research and Social Science. The [journal article version](#) is available for free until July 14, 2017.

*Source: Berkeley Laboratory, 6/28/17*

## **When Renewable Portfolio Standards Max Out**

CESA has released a report on what happens when state renewable portfolio standards reach their peak requirement. Many states will be facing this situation over the next few years. The report explores the implications not just for the state reaching its peak requirement but also for nearby states. It also presents the options a state has for acting (or not acting) at that time. In addition to the report, CESA offers a webinar in which report author Ed Holt (president of Ed Holt & Associates) presents the report's key findings.

*Source: Clean Energy States Alliance, 6/22/17*

## **CSVP posts workshop presentations online**

The presentations from *Community Solar Procurements, Programs and Pricing* are now online. If you were unable to join your colleagues from utilities, vendors and allied organizations for two days of exploring best practices in community solar development, you can get a taste of the proceedings by downloading the presentations from the CSVP website.

Also, everyone is welcome to receive a free report (release date: July 15) on the Workshop discussions and results by providing your contact information to [CSVP](#).

Source: Community Solar Value Project, 6/13/17

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## Funding

### **NASA seeks Renewable Energy Certificates**

On behalf of the National Aeronautics and Space Administration, WAPA is issuing a request for proposals for the transfer of renewable energy certificates in Fiscal Year 2017. Deadline for submissions is July 19, 2017.

*Source: WAPA Renewable Resources for Federal Agencies, 6/20/17*

### **Sandia Lab seek information on solar power purchase**

On behalf of Sandia National Laboratory in Albuquerque, New Mexico, WAPA is issuing a request for information from the solar industry to assist WAPA and Sandia in structuring a possible future solicitation for a 5-10 MW onsite solar power purchase agreement. Deadline for submissions is July 14, 2017.

*Source: WAPA Renewable Resources for Federal Agencies, 6/19/17*

**Find more [funding sources](#).**